

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(480E48) Hex(5E045E) Hex(480E2B) Hex(242024) Hex(630063) Hex(E300E3)

	Hex(480E48)	Hex(5E045E)	Hex(480E2B)	Hex(242024)	Hex(630063)	Hex(E300E3)
Hex(480E48)		Ratio: 1.16 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(5E045E)	Ratio: 1.16 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(480E2B)	Ratio: 1.04 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(242024)	Ratio: 1.10 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.11 AA 18pt ²
Hex(630063)	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.14 AA 18pt ²
Hex(E300E3)	Ratio: 3.75 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 3.14 AA 18pt ²	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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